

DERWENT-ACC-NO: 1973-32645U

DERWENT-WEEK: 197323

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TITLE: Foam-backed carpet - foam comprising synthetic resin
microspheres in thermoplastic matrix

PATENT-ASSIGNEE: DOW CHEM CO[DOWC]

PRIORITY-DATA: 1971US-0199807 (November 17, 1971)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
NL 7215234 A		N/A
000 N/A		
BE 791455 A		N/A
000 N/A		
CA 968239 A	May 27, 1975	N/A
000 N/A		
DE 2256546 A		N/A
000 N/A		
FR 2160422 A		N/A
000 N/A		
GB 1404849 A	September 3, 1975	N/A
000 N/A		
JP 48059633 A		N/A
000 N/A		

INT-CL (IPC): B32B005/00, C08J001/14 , D05C017/02 , D06N007/00

ABSTRACTED-PUB-NO: NL 7215234A

BASIC-ABSTRACT:

An improved carpet made from a base gauze with a pile or plush surface on one side, has on the other, a resilient, securely bonded, foam backing comprising a mass of gas filled microspheres of synthetic resin embodied in a thermoplastic matrix. The foam is applied as a viscous dispersion in water of a film-forming synthetic resin and minute expandable balls of synthetic resin contg. a

volatile fluid expansion agent with various additives and is heated first to drive out the water and then raised to the higher temp. necessary to expand the tiny balls into gas filled cells of resin. The microspheres are pref. a copolymer of 60% styrene and 40% acrylonitrile and the matrix pref. styrene and butadiene copolymer.

TITLE-TERMS: FOAM BACK CARPET FOAM COMPRISE SYNTHETIC RESIN
MICROSPHERE

THERMOPLASTIC MATRIX

DERWENT-CLASS: A12 A13 A84 F08 P73

CPI-CODES: A11-B05; A11-B06; A12-B02; A12-D02; F03-E01; F04-D; F04-F03;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 012 032 034 04- 040 041 046 047 050 051 055 056 062
063 066
067 071 072 074 075 076 081 083 092 117 122 141 230 252 253 259 27&
28& 308 310
311 32- 339 340 397 431 433 434 436 440 448 449 477 481 483 491 492
512 604 608
609 614 654 664 688 720 721